

**Table 16 Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | State              |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 128,150            | 50,161                | 26,208             | 18,809             | 8,328              | 14,028             | 5,784              | 2,209            | 2,623         |
| Open fire with water heating<br>back boiler                       | 123,861            | 16,155                | 15,956             | 22,273             | 14,644             | 29,892             | 16,392             | 6,823            | 1,726         |
| Open fire with back boiler<br>central heating                     | 148,892            | 16,560                | 14,806             | 17,399             | 13,694             | 42,884             | 26,958             | 15,210           | 1,381         |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 37,984             | 15,945                | 8,189              | 5,455              | 2,426              | 3,106              | 1,532              | 727              | 604           |
| Room and water heating                                            | 83,986             | 21,142                | 13,272             | 11,670             | 7,733              | 15,405             | 9,842              | 4,225            | 697           |
| Central heating                                                   | 98,350             | 16,568                | 11,758             | 11,889             | 9,280              | 24,631             | 16,422             | 7,162            | 640           |
| Electric central heating                                          | 29,236             | 7,152                 | 3,436              | 3,889              | 3,017              | 4,086              | 2,301              | 4,706            | 649           |
| Oil fired central heating                                         | 185,264            | 25,842                | 14,696             | 20,839             | 29,644             | 61,334             | 16,875             | 14,591           | 1,443         |
| Gas fired central heating                                         | 98,141             | 13,145                | 13,300             | 22,048             | 17,074             | 14,359             | 5,535              | 11,686           | 994           |
| Dual system central heating                                       | 38,573             | 3,592                 | 2,470              | 3,343              | 3,939              | 12,514             | 6,888              | 5,664            | 163           |
| Portable heaters                                                  | 29,182             | 14,140                | 5,080              | 3,605              | 1,786              | 2,188              | 756                | 370              | 1,257         |
| Other                                                             | 6,989              | 2,314                 | 1,303              | 1,590              | 488                | 631                | 297                | 228              | 138           |
| Not stated                                                        | 11,115             | 3,006                 | 1,617              | 1,331              | 730                | 1,191              | 671                | 406              | 2,163         |
| Total                                                             | 1,019,723          | 205,722               | 132,091            | 144,140            | 112,783            | 226,249            | 110,253            | 74,007           | 14,478        |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 187,106            | 29,924                | 23,023             | 28,726             | 19,425             | 47,313             | 25,854             | 10,247           | 2,594         |
| House (bituminous) coal                                           | 206,039            | 41,352                | 27,872             | 27,915             | 19,661             | 45,471             | 26,657             | 14,584           | 2,527         |
| Other solid fuel (e.g. turf,<br>wood)                             | 235,363            | 65,056                | 39,320             | 31,172             | 17,845             | 40,724             | 26,047             | 12,937           | 2,262         |
| Electricity                                                       | 51,326             | 17,783                | 7,160              | 6,610              | 4,341              | 5,722              | 3,009              | 5,100            | 1,601         |
| Oil, including Kerosene                                           | 199,869            | 27,282                | 15,403             | 21,952             | 30,813             | 65,906             | 19,882             | 17,186           | 1,445         |
| Natural gas                                                       | 86,881             | 12,001                | 12,830             | 21,947             | 15,881             | 11,117             | 3,548              | 8,695            | 862           |
| Bottled gas, including bulk<br>LPG                                | 22,657             | 5,702                 | 2,589              | 2,187              | 1,846              | 4,162              | 2,390              | 3,320            | 461           |
| Other                                                             | 1,560              | 409                   | 198                | 205                | 165                | 309                | 123                | 110              | 41            |
| Not stated                                                        | 28,922             | 6,213                 | 3,696              | 3,426              | 2,806              | 5,525              | 2,743              | 1,828            | 2,685         |
| Total                                                             | 1,019,723          | 205,722               | 132,091            | 144,140            | 112,783            | 226,249            | 110,253            | 74,007           | 14,478        |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | East               |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 43,461             | 12,684                | 8,270              | 7,655              | 3,312              | 6,592              | 2,959              | 889              | 1,100         |
| Open fire with water heating<br>back boiler                       | 44,896             | 3,187                 | 5,276              | 9,056              | 5,201              | 11,711             | 7,319              | 2,436            | 710           |
| Open fire with back boiler<br>central heating                     | 57,797             | 3,447                 | 4,198              | 6,105              | 5,374              | 20,444             | 12,162             | 5,547            | 520           |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 5,325              | 1,718                 | 958                | 907                | 481                | 721                | 290                | 130              | 120           |
| Room and water heating                                            | 12,650             | 2,289                 | 1,491              | 1,826              | 1,726              | 3,152              | 1,386              | 596              | 184           |
| Central heating                                                   | 24,112             | 2,835                 | 2,375              | 3,218              | 3,219              | 8,035              | 3,101              | 1,129            | 200           |
| Electric central heating                                          | 17,346             | 3,574                 | 1,859              | 2,474              | 1,613              | 2,140              | 1,707              | 3,569            | 410           |
| Oil fired central heating                                         | 76,454             | 8,360                 | 5,586              | 10,415             | 14,191             | 26,283             | 6,143              | 4,786            | 690           |
| Gas fired central heating                                         | 78,206             | 10,235                | 11,023             | 19,088             | 14,565             | 10,758             | 3,649              | 8,085            | 803           |
| Dual system central heating                                       | 12,681             | 876                   | 736                | 1,426              | 1,597              | 4,372              | 2,000              | 1,609            | 65            |
| Portable heaters                                                  | 17,138             | 7,935                 | 3,065              | 2,435              | 1,064              | 1,258              | 440                | 193              | 748           |
| Other                                                             | 3,925              | 1,096                 | 796                | 1,180              | 250                | 271                | 130                | 111              | 91            |
| Not stated                                                        | 5,026              | 1,084                 | 605                | 637                | 331                | 505                | 275                | 203              | 1,386         |
| Total                                                             | 399,017            | 59,320                | 46,238             | 66,422             | 52,924             | 96,242             | 41,561             | 29,283           | 7,027         |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 126,354            | 15,181                | 14,411             | 20,820             | 13,840             | 35,077             | 18,518             | 6,544            | 1,963         |
| House (bituminous) coal                                           | 34,046             | 4,456                 | 3,839              | 4,012              | 3,251              | 9,959              | 5,373              | 2,745            | 411           |
| Other solid fuel (e.g. turf,<br>wood)                             | 28,359             | 6,315                 | 4,172              | 3,877              | 2,415              | 6,288              | 3,297              | 1,639            | 356           |
| Electricity                                                       | 30,113             | 9,566                 | 4,070              | 4,266              | 2,352              | 3,011              | 2,106              | 3,757            | 985           |
| Oil, including Kerosene                                           | 81,664             | 8,599                 | 5,706              | 10,907             | 14,594             | 28,221             | 7,253              | 5,706            | 678           |
| Natural gas                                                       | 75,712             | 10,256                | 11,158             | 19,506             | 14,136             | 9,446              | 2,992              | 7,458            | 760           |
| Bottled gas, including bulk<br>LPG                                | 9,954              | 2,728                 | 1,390              | 1,301              | 849                | 1,889              | 848                | 699              | 250           |
| Other                                                             | 479                | 120                   | 60                 | 85                 | 57                 | 90                 | 30                 | 22               | 15            |
| Not stated                                                        | 12,336             | 2,099                 | 1,432              | 1,648              | 1,430              | 2,261              | 1,144              | 713              | 1,609         |
| Total                                                             | 399,017            | 59,320                | 46,238             | 66,422             | 52,924             | 96,242             | 41,561             | 29,283           | 7,027         |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | South West         |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 26,276             | 12,348                | 5,115              | 3,373              | 1,531              | 2,211              | 852                | 335              | 511           |
| Open fire with water heating<br>back boiler                       | 22,742             | 3,679                 | 2,627              | 4,101              | 2,688              | 5,425              | 2,663              | 1,240            | 319           |
| Open fire with back boiler<br>central heating                     | 27,133             | 3,977                 | 2,550              | 3,154              | 2,205              | 7,122              | 5,019              | 2,832            | 274           |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 4,565              | 1,991                 | 1,071              | 661                | 283                | 267                | 150                | 75               | 67            |
| Room and water heating                                            | 9,861              | 2,984                 | 1,602              | 1,285              | 840                | 1,496              | 1,140              | 443              | 71            |
| Central heating                                                   | 9,562              | 1,959                 | 1,052              | 989                | 786                | 2,213              | 1,818              | 665              | 80            |
| Electric central heating                                          | 3,640              | 1,054                 | 489                | 449                | 427                | 666                | 191                | 271              | 93            |
| Oil fired central heating                                         | 25,625             | 4,297                 | 2,169              | 2,610              | 3,905              | 8,308              | 2,348              | 1,815            | 173           |
| Gas fired central heating                                         | 11,484             | 1,615                 | 1,442              | 2,069              | 1,811              | 2,035              | 824                | 1,582            | 106           |
| Dual system central heating                                       | 6,007              | 603                   | 362                | 453                | 580                | 1,986              | 1,089              | 910              | 24            |
| Portable heaters                                                  | 4,724              | 2,529                 | 855                | 461                | 228                | 270                | 95                 | 64               | 222           |
| Other                                                             | 964                | 449                   | 183                | 123                | 73                 | 81                 | 25                 | 13               | 17            |
| Not stated                                                        | 1,420              | 488                   | 254                | 162                | 84                 | 133                | 73                 | 35               | 191           |
| Total                                                             | 154,003            | 37,973                | 19,771             | 19,890             | 15,441             | 32,213             | 16,287             | 10,280           | 2,148         |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 9,363              | 2,740                 | 1,243              | 1,092              | 850                | 1,748              | 1,058              | 505              | 127           |
| House (bituminous) coal                                           | 57,413             | 13,422                | 7,398              | 8,238              | 5,165              | 11,791             | 7,178              | 3,452            | 769           |
| Other solid fuel (e.g. turf,<br>wood)                             | 32,606             | 10,193                | 5,218              | 4,093              | 2,311              | 5,370              | 3,414              | 1,656            | 351           |
| Electricity                                                       | 7,343              | 2,981                 | 1,166              | 812                | 617                | 896                | 278                | 336              | 257           |
| Oil, including Kerosene                                           | 28,239             | 4,708                 | 2,350              | 2,799              | 4,114              | 9,090              | 2,818              | 2,185            | 175           |
| Natural gas                                                       | 8,343              | 1,294                 | 1,277              | 1,932              | 1,479              | 1,240              | 391                | 669              | 61            |
| Bottled gas, including bulk<br>LPG                                | 4,767              | 1,067                 | 388                | 309                | 421                | 907                | 530                | 1,051            | 94            |
| Other                                                             | 348                | 97                    | 44                 | 31                 | 35                 | 78                 | 31                 | 22               | 10            |
| Not stated                                                        | 5,581              | 1,471                 | 687                | 584                | 449                | 1,093              | 589                | 404              | 304           |
| Total                                                             | 154,003            | 37,973                | 19,771             | 19,890             | 15,441             | 32,213             | 16,287             | 10,280           | 2,148         |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | South East         |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 17,523             | 8,443                 | 3,500              | 2,047              | 792                | 1,559              | 614                | 331              | 237           |
| Open fire with water heating<br>back boiler                       | 16,563             | 2,784                 | 1,904              | 2,519              | 1,731              | 4,108              | 2,215              | 1,141            | 161           |
| Open fire with back boiler<br>central heating                     | 18,185             | 3,187                 | 2,125              | 2,211              | 1,561              | 4,216              | 2,516              | 2,234            | 135           |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 4,350              | 2,120                 | 875                | 552                | 222                | 318                | 158                | 57               | 48            |
| Room and water heating                                            | 8,719              | 2,930                 | 1,257              | 1,036              | 693                | 1,432              | 897                | 416              | 58            |
| Central heating                                                   | 11,391             | 2,527                 | 1,351              | 1,267              | 934                | 2,608              | 1,815              | 837              | 52            |
| Electric central heating                                          | 1,859              | 819                   | 228                | 200                | 161                | 241                | 51                 | 142              | 17            |
| Oil fired central heating                                         | 18,690             | 4,010                 | 1,389              | 1,567              | 2,218              | 5,793              | 1,728              | 1,899            | 86            |
| Gas fired central heating                                         | 2,701              | 441                   | 216                | 294                | 228                | 620                | 297                | 575              | 30            |
| Dual system central heating                                       | 4,129              | 587                   | 265                | 258                | 351                | 1,230              | 712                | 719              | 7             |
| Portable heaters                                                  | 2,305              | 1,399                 | 299                | 180                | 113                | 173                | 46                 | 32               | 63            |
| Other                                                             | 427                | 214                   | 56                 | 54                 | 18                 | 50                 | 20                 | 12               | 3             |
| Not stated                                                        | 797                | 275                   | 112                | 77                 | 39                 | 97                 | 60                 | 33               | 104           |
| Total                                                             | 107,639            | 29,736                | 13,577             | 12,262             | 9,061              | 22,445             | 11,129             | 8,428            | 1,001         |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 16,498             | 4,533                 | 2,259              | 2,061              | 1,291              | 3,299              | 1,901              | 1,030            | 124           |
| House (bituminous) coal                                           | 37,797             | 8,716                 | 5,316              | 5,060              | 3,301              | 7,640              | 4,473              | 2,968            | 323           |
| Other solid fuel (e.g. turf,<br>wood)                             | 22,814             | 8,654                 | 3,372              | 2,466              | 1,407              | 3,565              | 1,985              | 1,179            | 186           |
| Electricity                                                       | 3,505              | 1,824                 | 429                | 336                | 236                | 352                | 90                 | 178              | 60            |
| Oil, including Kerosene                                           | 20,597             | 4,351                 | 1,506              | 1,688              | 2,364              | 6,284              | 2,080              | 2,237            | 87            |
| Natural gas                                                       | 1,554              | 229                   | 142                | 223                | 132                | 343                | 131                | 334              | 20            |
| Bottled gas, including bulk<br>LPG                                | 1,881              | 623                   | 176                | 123                | 126                | 334                | 189                | 286              | 24            |
| Other                                                             | 128                | 34                    | 18                 | 15                 | 8                  | 29                 | 11                 | 11               | 2             |
| Not stated                                                        | 2,865              | 772                   | 359                | 290                | 196                | 599                | 269                | 205              | 175           |
| Total                                                             | 107,639            | 29,736                | 13,577             | 12,262             | 9,061              | 22,445             | 11,129             | 8,428            | 1,001         |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | North East         |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 5,713              | 2,274                 | 1,294              | 714                | 389                | 679                | 155                | 80               | 128           |
| Open fire with water heating<br>back boiler                       | 7,758              | 1,093                 | 951                | 1,222              | 1,014              | 2,140              | 851                | 368              | 119           |
| Open fire with back boiler<br>central heating                     | 9,265              | 1,215                 | 1,219              | 1,284              | 973                | 2,515              | 1,165              | 776              | 118           |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 3,580              | 1,904                 | 748                | 411                | 131                | 192                | 73                 | 41               | 80            |
| Room and water heating                                            | 5,902              | 2,042                 | 1,096              | 782                | 436                | 781                | 497                | 209              | 59            |
| Central heating                                                   | 7,799              | 1,690                 | 1,084              | 916                | 608                | 1,752              | 1,199              | 492              | 58            |
| Electric central heating                                          | 856                | 287                   | 109                | 97                 | 83                 | 148                | 36                 | 70               | 26            |
| Oil fired central heating                                         | 10,303             | 1,717                 | 1,000              | 1,018              | 1,395              | 3,175              | 953                | 954              | 91            |
| Gas fired central heating                                         | 600                | 104                   | 53                 | 40                 | 67                 | 155                | 80                 | 98               | 3             |
| Dual system central heating                                       | 2,201              | 233                   | 156                | 196                | 211                | 714                | 378                | 299              | 14            |
| Portable heaters                                                  | 696                | 350                   | 124                | 70                 | 39                 | 52                 | 12                 | 6                | 43            |
| Other                                                             | 149                | 76                    | 18                 | 19                 | 8                  | 16                 | 5                  | 5                | 2             |
| Not stated                                                        | 864                | 334                   | 165                | 103                | 46                 | 97                 | 41                 | 25               | 53            |
| Total                                                             | 55,686             | 13,319                | 8,017              | 6,872              | 5,400              | 12,416             | 5,445              | 3,423            | 794           |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 5,014              | 1,143                 | 739                | 633                | 526                | 1,123              | 525                | 248              | 77            |
| House (bituminous) coal                                           | 25,431             | 5,704                 | 4,009              | 3,476              | 2,351              | 5,607              | 2,592              | 1,348            | 344           |
| Other solid fuel (e.g. turf,<br>wood)                             | 9,418              | 3,302                 | 1,566              | 1,153              | 629                | 1,383              | 866                | 416              | 103           |
| Electricity                                                       | 1,365              | 527                   | 209                | 149                | 117                | 183                | 49                 | 77               | 54            |
| Oil, including Kerosene                                           | 10,856             | 1,755                 | 1,009              | 1,048              | 1,444              | 3,343              | 1,097              | 1,068            | 92            |
| Natural gas                                                       | —                  | —                     | —                  | —                  | —                  | —                  | —                  | —                | —             |
| Bottled gas, including bulk<br>LPG                                | 808                | 208                   | 93                 | 54                 | 78                 | 176                | 83                 | 99               | 17            |
| Other                                                             | 81                 | 24                    | 7                  | 13                 | 7                  | 13                 | 9                  | 8                | —             |
| Not stated                                                        | 2,713              | 656                   | 385                | 346                | 248                | 588                | 224                | 159              | 107           |
| Total                                                             | 55,686             | 13,319                | 8,017              | 6,872              | 5,400              | 12,416             | 5,445              | 3,423            | 794           |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | Midwest            |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 12,432             | 4,834                 | 2,611              | 1,895              | 1,049              | 1,180              | 420                | 196              | 247           |
| Open fire with water heating<br>back boiler                       | 11,973             | 1,726                 | 1,541              | 2,046              | 2,087              | 2,556              | 1,227              | 626              | 164           |
| Open fire with back boiler<br>central heating                     | 14,093             | 1,588                 | 1,495              | 1,722              | 1,807              | 3,351              | 2,438              | 1,555            | 137           |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 4,717              | 2,149                 | 1,087              | 656                | 267                | 282                | 147                | 66               | 63            |
| Room and water heating                                            | 8,678              | 2,522                 | 1,340              | 1,119              | 782                | 1,541              | 849                | 460              | 65            |
| Central heating                                                   | 8,475              | 1,763                 | 1,030              | 964                | 731                | 1,858              | 1,479              | 593              | 57            |
| Electric central heating                                          | 1,686              | 483                   | 205                | 206                | 243                | 282                | 99                 | 133              | 35            |
| Oil fired central heating                                         | 17,280             | 2,450                 | 1,374              | 1,714              | 2,755              | 5,703              | 1,660              | 1,498            | 126           |
| Gas fired central heating                                         | 2,532              | 372                   | 319                | 355                | 236                | 342                | 237                | 643              | 28            |
| Dual system central heating                                       | 3,873              | 368                   | 264                | 274                | 369                | 1,212              | 792                | 581              | 13            |
| Portable heaters                                                  | 1,679              | 831                   | 248                | 148                | 146                | 167                | 60                 | 19               | 60            |
| Other                                                             | 415                | 158                   | 66                 | 52                 | 42                 | 47                 | 26                 | 16               | 8             |
| Not stated                                                        | 961                | 282                   | 157                | 95                 | 82                 | 118                | 49                 | 39               | 139           |
| Total                                                             | 88,794             | 19,526                | 11,737             | 11,246             | 10,596             | 18,639             | 9,483              | 6,425            | 1,142         |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 11,280             | 2,364                 | 1,557              | 1,471              | 1,348              | 2,348              | 1,342              | 729              | 121           |
| House (bituminous) coal                                           | 23,287             | 3,613                 | 3,168              | 3,541              | 3,405              | 4,709              | 2,932              | 1,640            | 279           |
| Other solid fuel (e.g. turf,<br>wood)                             | 26,702             | 8,644                 | 4,332              | 3,445              | 2,068              | 4,101              | 2,515              | 1,290            | 307           |
| Electricity                                                       | 2,960              | 1,091                 | 378                | 316                | 353                | 419                | 160                | 160              | 83            |
| Oil, including Kerosene                                           | 18,698             | 2,569                 | 1,477              | 1,808              | 2,855              | 6,108              | 2,003              | 1,749            | 129           |
| Natural gas                                                       | 1,272              | 222                   | 253                | 286                | 134                | 88                 | 34                 | 234              | 21            |
| Bottled gas, including bulk<br>LPG                                | 1,858              | 404                   | 150                | 126                | 158                | 319                | 249                | 434              | 18            |
| Other                                                             | 184                | 65                    | 14                 | 19                 | 24                 | 30                 | 14                 | 13               | 5             |
| Not stated                                                        | 2,553              | 554                   | 408                | 234                | 251                | 517                | 234                | 176              | 179           |
| Total                                                             | 88,794             | 19,526                | 11,737             | 11,246             | 10,596             | 18,639             | 9,483              | 6,425            | 1,142         |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | Midlands           |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 6,756              | 3,264                 | 1,413              | 884                | 328                | 515                | 205                | 93               | 54            |
| Open fire with water heating<br>back boiler                       | 5,531              | 1,286                 | 952                | 1,037              | 505                | 983                | 558                | 189              | 21            |
| Open fire with back boiler<br>central heating                     | 6,142              | 1,141                 | 934                | 958                | 554                | 1,387              | 779                | 362              | 27            |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 6,153              | 2,643                 | 1,253              | 896                | 404                | 540                | 253                | 117              | 47            |
| Room and water heating                                            | 14,898             | 3,615                 | 2,242              | 2,293              | 1,292              | 2,854              | 1,827              | 706              | 69            |
| Central heating                                                   | 15,811             | 2,887                 | 1,925              | 1,969              | 1,311              | 3,638              | 2,739              | 1,288            | 54            |
| Electric central heating                                          | 1,086              | 351                   | 133                | 139                | 122                | 136                | 47                 | 149              | 9             |
| Oil fired central heating                                         | 10,213             | 1,854                 | 775                | 1,052              | 1,348              | 3,271              | 989                | 900              | 24            |
| Gas fired central heating                                         | 833                | 156                   | 72                 | 80                 | 37                 | 154                | 131                | 196              | 7             |
| Dual system central heating                                       | 2,805              | 360                   | 168                | 219                | 262                | 935                | 503                | 350              | 8             |
| Portable heaters                                                  | 828                | 459                   | 145                | 77                 | 34                 | 62                 | 19                 | 15               | 17            |
| Other                                                             | 353                | 115                   | 54                 | 42                 | 33                 | 59                 | 26                 | 18               | 6             |
| Not stated                                                        | 680                | 215                   | 109                | 89                 | 58                 | 78                 | 60                 | 20               | 51            |
| Total                                                             | 72,089             | 18,346                | 10,175             | 9,735              | 6,288              | 14,612             | 8,136              | 4,403            | 394           |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 9,782              | 2,265                 | 1,432              | 1,594              | 831                | 1,957              | 1,191              | 468              | 44            |
| House (bituminous) coal                                           | 3,567              | 844                   | 597                | 538                | 284                | 643                | 432                | 212              | 17            |
| Other solid fuel (e.g. turf,<br>wood)                             | 43,929             | 12,018                | 6,820              | 6,065              | 3,461              | 7,973              | 5,092              | 2,283            | 217           |
| Electricity                                                       | 1,736              | 688                   | 237                | 207                | 157                | 196                | 64                 | 165              | 22            |
| Oil, including Kerosene                                           | 10,946             | 1,965                 | 803                | 1,088              | 1,422              | 3,493              | 1,126              | 1,024            | 25            |
| Natural gas                                                       | —                  | —                     | —                  | —                  | —                  | —                  | —                  | —                | —             |
| Bottled gas, including bulk<br>LPG                                | 1,104              | 290                   | 113                | 102                | 48                 | 184                | 145                | 210              | 12            |
| Other                                                             | 121                | 30                    | 22                 | 17                 | 14                 | 21                 | 9                  | 6                | 2             |
| Not stated                                                        | 904                | 246                   | 151                | 124                | 71                 | 145                | 77                 | 35               | 55            |
| Total                                                             | 72,089             | 18,346                | 10,175             | 9,735              | 6,288              | 14,612             | 8,136              | 4,403            | 394           |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | West               |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 9,323              | 3,195                 | 2,678              | 1,453              | 558                | 736                | 355                | 174              | 174           |
| Open fire with water heating<br>back boiler                       | 8,238              | 1,208                 | 1,764              | 1,383              | 828                | 1,583              | 908                | 462              | 102           |
| Open fire with back boiler<br>central heating                     | 9,318              | 987                   | 1,498              | 1,192              | 688                | 2,188              | 1,620              | 1,073            | 72            |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 4,428              | 1,231                 | 1,269              | 748                | 338                | 410                | 226                | 129              | 77            |
| Room and water heating                                            | 13,391             | 2,012                 | 2,787              | 2,199              | 1,156              | 2,380              | 1,953              | 816              | 88            |
| Central heating                                                   | 11,880             | 1,296                 | 1,888              | 1,639              | 938                | 2,583              | 2,349              | 1,117            | 70            |
| Electric central heating                                          | 2,017              | 377                   | 305                | 238                | 298                | 340                | 116                | 304              | 39            |
| Oil fired central heating                                         | 16,153             | 1,445                 | 1,427              | 1,509              | 2,555              | 5,544              | 1,772              | 1,744            | 157           |
| Gas fired central heating                                         | 1,144              | 123                   | 123                | 79                 | 89                 | 185                | 195                | 341              | 9             |
| Dual system central heating                                       | 4,318              | 296                   | 354                | 344                | 350                | 1,345              | 857                | 758              | 14            |
| Portable heaters                                                  | 1,191              | 356                   | 239                | 158                | 128                | 153                | 56                 | 32               | 69            |
| Other                                                             | 479                | 110                   | 95                 | 84                 | 43                 | 63                 | 39                 | 37               | 8             |
| Not stated                                                        | 493                | 94                    | 97                 | 68                 | 39                 | 52                 | 35                 | 16               | 92            |
| Total                                                             | 82,373             | 12,730                | 14,524             | 11,094             | 8,008              | 17,562             | 10,481             | 7,003            | 971           |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 5,030              | 794                   | 864                | 626                | 464                | 1,061              | 735                | 412              | 74            |
| House (bituminous) coal                                           | 9,684              | 1,200                 | 1,459              | 1,202              | 739                | 2,271              | 1,664              | 1,041            | 108           |
| Other solid fuel (e.g. turf,<br>wood)                             | 44,831             | 8,180                 | 9,830              | 7,098              | 3,543              | 7,475              | 5,584              | 2,714            | 407           |
| Electricity                                                       | 3,032              | 661                   | 487                | 381                | 408                | 477                | 174                | 346              | 98            |
| Oil, including Kerosene                                           | 17,542             | 1,529                 | 1,549              | 1,601              | 2,673              | 5,929              | 2,043              | 2,058            | 160           |
| Natural gas                                                       | —                  | —                     | —                  | —                  | —                  | —                  | —                  | —                | —             |
| Bottled gas, including bulk<br>LPG                                | 1,464              | 215                   | 195                | 115                | 115                | 227                | 214                | 360              | 23            |
| Other                                                             | 126                | 20                    | 23                 | 15                 | 9                  | 28                 | 10                 | 17               | 4             |
| Not stated                                                        | 664                | 131                   | 117                | 56                 | 57                 | 94                 | 57                 | 55               | 97            |
| Total                                                             | 82,373             | 12,730                | 14,524             | 11,094             | 8,008              | 17,562             | 10,481             | 7,003            | 971           |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | North West         |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 2,988              | 1,501                 | 643                | 349                | 108                | 196                | 85                 | 29               | 77            |
| Open fire with water heating<br>back boiler                       | 2,014              | 412                   | 415                | 325                | 140                | 378                | 186                | 122              | 36            |
| Open fire with back boiler<br>central heating                     | 2,392              | 373                   | 363                | 311                | 139                | 449                | 408                | 312              | 37            |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 2,291              | 1,010                 | 504                | 319                | 118                | 136                | 122                | 48               | 34            |
| Room and water heating                                            | 3,995              | 1,129                 | 759                | 472                | 279                | 593                | 512                | 208              | 43            |
| Central heating                                                   | 3,786              | 741                   | 553                | 418                | 255                | 700                | 733                | 359              | 27            |
| Electric central heating                                          | 373                | 109                   | 64                 | 49                 | 37                 | 37                 | 35                 | 31               | 11            |
| Oil fired central heating                                         | 4,464              | 651                   | 519                | 426                | 547                | 1,381              | 499                | 386              | 55            |
| Gas fired central heating                                         | 281                | 43                    | 33                 | 20                 | 19                 | 43                 | 49                 | 67               | 7             |
| Dual system central heating                                       | 947                | 102                   | 70                 | 71                 | 77                 | 267                | 199                | 154              | 7             |
| Portable heaters                                                  | 333                | 153                   | 61                 | 39                 | 22                 | 31                 | 10                 | 3                | 14            |
| Other                                                             | 98                 | 32                    | 14                 | 19                 | 7                  | 15                 | 9                  | —                | 2             |
| Not stated                                                        | 403                | 119                   | 60                 | 39                 | 14                 | 51                 | 33                 | 12               | 75            |
| Total                                                             | 24,365             | 6,375                 | 4,058              | 2,857              | 1,762              | 4,277              | 2,880              | 1,731            | 425           |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 1,779              | 439                   | 283                | 200                | 108                | 294                | 284                | 143              | 28            |
| House (bituminous) coal                                           | 5,737              | 1,392                 | 1,033              | 708                | 332                | 994                | 765                | 429              | 84            |
| Other solid fuel (e.g. turf,<br>wood)                             | 10,480             | 3,399                 | 1,969              | 1,329              | 635                | 1,324              | 1,106              | 576              | 142           |
| Electricity                                                       | 663                | 243                   | 110                | 79                 | 58                 | 68                 | 48                 | 36               | 21            |
| Oil, including Kerosene                                           | 4,782              | 694                   | 534                | 460                | 568                | 1,451              | 575                | 443              | 57            |
| Natural gas                                                       | —                  | —                     | —                  | —                  | —                  | —                  | —                  | —                | —             |
| Bottled gas, including bulk<br>LPG                                | 356                | 71                    | 47                 | 27                 | 25                 | 50                 | 52                 | 73               | 11            |
| Other                                                             | 29                 | 5                     | 3                  | 3                  | 5                  | 10                 | —                  | 1                | 2             |
| Not stated                                                        | 539                | 132                   | 79                 | 51                 | 31                 | 86                 | 50                 | 30               | 80            |
| Total                                                             | 24,365             | 6,375                 | 4,058              | 2,857              | 1,762              | 4,277              | 2,880              | 1,731            | 425           |

**Table 16 (contd.) Private dwellings in each Planning Region, classified by period in which built, principal method of heating and principal type of fuel used**

| Principal Method of Heating<br>and<br>Principal Type of Fuel Used | Donegal            |                       |                    |                    |                    |                    |                    |                  |               |
|-------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|---------------|
|                                                                   | Total<br>dwellings | Period in which built |                    |                    |                    |                    |                    |                  |               |
|                                                                   |                    | Before<br>1919        | 1919<br>to<br>1940 | 1941<br>to<br>1960 | 1961<br>to<br>1970 | 1971<br>to<br>1980 | 1981<br>to<br>1985 | 1986 or<br>later | Not<br>stated |
| Principal method of heating                                       |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Open fire only                                                    | 3,678              | 1,618                 | 684                | 439                | 261                | 360                | 139                | 82               | 95            |
| Open fire with water heating<br>back boiler                       | 4,146              | 780                   | 526                | 584                | 450                | 1,008              | 465                | 239              | 94            |
| Open fire with back boiler<br>central heating                     | 4,567              | 645                   | 424                | 462                | 393                | 1,212              | 851                | 519              | 61            |
| Closed solid fuel appliances                                      |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Room heating only                                                 | 2,575              | 1,179                 | 424                | 305                | 182                | 240                | 113                | 64               | 68            |
| Room and water heating                                            | 5,892              | 1,619                 | 698                | 658                | 529                | 1,176              | 781                | 371              | 60            |
| Central heating                                                   | 5,534              | 870                   | 500                | 509                | 498                | 1,244              | 1,189              | 682              | 42            |
| Electric central heating                                          | 373                | 98                    | 44                 | 37                 | 33                 | 96                 | 19                 | 37               | 9             |
| Oil fired central heating                                         | 6,082              | 1,058                 | 457                | 528                | 730                | 1,876              | 783                | 609              | 41            |
| Gas fired central heating                                         | 360                | 56                    | 19                 | 23                 | 22                 | 67                 | 73                 | 99               | 1             |
| Dual system central heating                                       | 1,612              | 167                   | 95                 | 102                | 142                | 453                | 358                | 284              | 11            |
| Portable heaters                                                  | 288                | 128                   | 44                 | 37                 | 12                 | 22                 | 18                 | 6                | 21            |
| Other                                                             | 179                | 64                    | 21                 | 17                 | 14                 | 29                 | 17                 | 16               | 1             |
| Not stated                                                        | 471                | 115                   | 58                 | 61                 | 37                 | 60                 | 45                 | 23               | 72            |
| Total                                                             | 35,757             | 8,397                 | 3,994              | 3,762              | 3,303              | 7,843              | 4,851              | 3,031            | 576           |
| Principal type of fuel                                            |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Solid fuel                                                        |                    |                       |                    |                    |                    |                    |                    |                  |               |
| Smokeless fuel (e.g.<br>briquettes, anthracite/<br>extracite)     | 2,006              | 465                   | 235                | 229                | 167                | 406                | 300                | 168              | 36            |
| House (bituminous) coal                                           | 9,077              | 2,005                 | 1,053              | 1,140              | 833                | 1,857              | 1,248              | 749              | 192           |
| Other solid fuel (e.g. turf,<br>wood)                             | 16,224             | 4,351                 | 2,041              | 1,646              | 1,376              | 3,245              | 2,188              | 1,184            | 193           |
| Electricity                                                       | 609                | 202                   | 74                 | 64                 | 43                 | 120                | 40                 | 45               | 21            |
| Oil, including Kerosene                                           | 6,545              | 1,112                 | 469                | 553                | 779                | 1,987              | 887                | 716              | 42            |
| Natural gas                                                       | —                  | —                     | —                  | —                  | —                  | —                  | —                  | —                | —             |
| Bottled gas, including bulk<br>LPG                                | 465                | 96                    | 37                 | 30                 | 26                 | 76                 | 80                 | 108              | 12            |
| Other                                                             | 64                 | 14                    | 7                  | 7                  | 6                  | 10                 | 9                  | 10               | 1             |
| Not stated                                                        | 767                | 152                   | 78                 | 93                 | 73                 | 142                | 99                 | 51               | 79            |
| Total                                                             | 35,757             | 8,397                 | 3,994              | 3,762              | 3,303              | 7,843              | 4,851              | 3,031            | 576           |